

IDEA-1712-64

Copy 1 of 8

22 January 1964

MEMORANDUM FOR THE RECORD

SUBJECT : 112A Camera

1. The 112A camera was developed and flight tested in the U-2 to provide as soon as possible a capability for higher resolution from the IDEALIST vehicle. To save time and reduce expenditures, an existing hatch cover from a former program was employed even though the center window was not quite large enough to accommodate the 70° scan angle of the camera. The resulting installation cuts out a part of the light at the outside edges of each scan resulting in useable but less than optimum photography in the extreme edges of the format.

25X1X4

3. Since the lateral coverage is a function of altitude (a variable) and scan angle (not precisely defined) it is impossible to state the nautical miles of coverage by itself.

25X1A9a

SSD/OSA ✓

25X1A9a

SSD/OSA:gp (22 January 1964)

Distribution:

- Cy 1 - SSD/OSA all w/att
- 2 - DAD/OSA
- 3 - AD/OSA
- 4 - D/TECH/OSA
- 5 - D/FA/OSA
- 6 - OP/OSA
- 7 - chrono
- 8 - RB/OSA

112A CAMERA LATERAL COVERAGE VS ALTITUDE

CAMERA PROVIDES 35° PHOTOGRAPHY
EACH SIDE OF FLIGHT LINE HOWEVER
ABOUT 5° ON EACH END OF THE FORMAT
ARE LESS THAN OPTIMUM DENSITY
DUE TO WINDOW VIGNETTING

SCN 11 00
SCN 11 00

